

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/612,661ADATE: 12/19/97
TIME: 15:49:07

INPUT SET: S22226.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

 #18

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Christensen, Leif
6 Frydenlund Hansen, Henrik
7 Nielsen, Peter E
8
9 (ii) TITLE OF INVENTION: Substituted Nucleic Acid Mimics
10
11 (iii) NUMBER OF SEQUENCES: 10
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
15 (B) STREET: One Liberty Place 46th. Floor
16 (C) CITY: Philadelphia
17 (D) STATE: PA
18 (E) COUNTRY: USA
19 (F) ZIP: 19103
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: WordPerfect 6.1
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: US 08/612,661
29 (B) FILING DATE: 08-MAR-1996
30 (C) CLASSIFICATION:
31
32 (viii) ATTORNEY/AGENT INFORMATION:
33 (A) NAME: Caldwell, John W
34 (B) REGISTRATION NUMBER: 28,937
35 (C) REFERENCE/DOCKET NUMBER: ISIS-2169
36
37 (ix) TELECOMMUNICATION INFORMATION:
38 (A) TELEPHONE: 215-568-3100
39 (B) TELEFAX: 215-568-3439
40
41
42 (2) INFORMATION FOR SEQ ID NO:1:
43
44 (i) SEQUENCE CHARACTERISTICS:
45 (A) LENGTH: 10 bases
46 (B) TYPE: nucleic acid

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47 (C) STRANDEDNESS: single
48 (D) TOPOLOGY: linear
49
50 (ii) MOLECULE TYPE: DNA (genomic)
51
52 (iii) HYPOTHETICAL: NO
53
54 (iv) ANTI-SENSE: YES
55
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
57
58 AAAAGGAGAG 10
59
60
61 (2) INFORMATION FOR SEQ ID NO:2:
62
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 10 bases
65 (B) TYPE: nucleic acid
66 (C) STRANDEDNESS: single
67 (D) TOPOLOGY: linear
68
69 (ii) MOLECULE TYPE: DNA (genomic)
70
71 (iii) HYPOTHETICAL: NO
72
73 (iv) ANTI-SENSE: YES
74
75 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
76
77 GAGAGGAAAA 10
78
79
80
81 (2) INFORMATION FOR SEQ ID NO:3:
82
83 (i) SEQUENCE CHARACTERISTICS:
84 (A) LENGTH: 10 bases
85 (B) TYPE: nucleic acid
86 (C) STRANDEDNESS: single
87 (D) TOPOLOGY: linear
88
89 (ii) MOLECULE TYPE: PNA
90
91 (iii) HYPOTHETICAL: NO
92
93 (iv) ANTI-SENSE: YES
94
95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
96
97 TTTTCCTCTC 10
98
99

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100

101

102 (2) INFORMATION FOR SEQ ID NO:4:

103

104 (i) SEQUENCE CHARACTERISTICS:

105 (A) LENGTH: 10 bases

106 (B) TYPE: nucleic acid

107 (C) STRANDEDNESS: single

108 (D) TOPOLOGY: linear

109

110 (ii) MOLECULE TYPE: PNA

111

112 (iii) HYPOTHETICAL: NO

113

114 (iv) ANTI-SENSE: YES

115

116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

117

118

119 TTTTCNTCTC

10

120

121

122

123 (2) INFORMATION FOR SEQ ID NO:5:

124

125 (i) SEQUENCE CHARACTERISTICS:

126 (A) LENGTH: 10 bases

127 (B) TYPE: nucleic acid

128 (C) STRANDEDNESS: single

129 (D) TOPOLOGY: linear

130

131 (ii) MOLECULE TYPE: PNA

132

133 (iii) HYPOTHETICAL: NO

134

135 (iv) ANTI-SENSE: YES

136

137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

138

139

140 TTTTCNTNTC

10

141

142

143

144 (2) INFORMATION FOR SEQ ID NO:6:

145

146 (i) SEQUENCE CHARACTERISTICS:

147 (A) LENGTH: 10 bases

148 (B) TYPE: nucleic acid

149 (C) STRANDEDNESS: single

150 (D) TOPOLOGY: linear

151

152 (ii) MOLECULE TYPE: PNA

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153
154 (iii) HYPOTHETICAL: NO
155
156 (iv) ANTI-SENSE: YES
157
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
159
160 TTTTNNCTCTC 10
161
162
163
164 (2) INFORMATION FOR SEQ ID NO:7:
165
166 (i) SEQUENCE CHARACTERISTICS:
167 (A) LENGTH: 10 bases
168 (B) TYPE: nucleic acid
169 (C) STRANDEDNESS: single
170 (D) TOPOLOGY: linear
171
172 (ii) MOLECULE TYPE: DNA (genomic)
173
174 (iii) HYPOTHETICAL: NO
175
176 (iv) ANTI-SENSE: YES
177
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
179
180
181 GTAGGTCACT 10
182
183
184
185
186 (2) INFORMATION FOR SEQ ID NO:8:
187
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 10 bases
190 (B) TYPE: nucleic acid
191 (C) STRANDEDNESS: single
192 (D) TOPOLOGY: linear
193
194 (ii) MOLECULE TYPE: DNA (genomic)
195
196 (iii) HYPOTHETICAL: NO
197
198 (iv) ANTI-SENSE: YES
199
200 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
201
202 GTAGATCACT 10
203
204
205 (2) INFORMATION FOR SEQ ID NO:9:

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206
207 (i) SEQUENCE CHARACTERISTICS:
208 (A) LENGTH: 10 bases
209 (B) TYPE: nucleic acid
210 (C) STRANDEDNESS: single
211 (D) TOPOLOGY: linear
212
213 (ii) MOLECULE TYPE: PNA
214
215 (iii) HYPOTHETICAL: NO
216
217 (iv) ANTI-SENSE: YES
218
219 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
220
221 AGTCACCTAC
222
223
224
225 (2) INFORMATION FOR SEQ ID NO:10:
226
227 (i) SEQUENCE CHARACTERISTICS:
228 (A) LENGTH: 10 bases
229 (B) TYPE: nucleic acid
230 (C) STRANDEDNESS: single
231 (D) TOPOLOGY: linear *
232
233 (ii) MOLECULE TYPE: PNA
234
235 (iii) HYPOTHETICAL: NO
236
237 (iv) ANTI-SENSE: YES
238
239 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
240
241
242 AGTCANCTAC
243
244

10

10

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/612,661A

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Line

Error

Original Text